THE PATENT GALVANIZED IRON.
TUPPER and CARR,
Owners of Crawford's Patents, and Engineers to
THE GALVANIZED IRON COMPANY,
Supply patent Galvanized Sheets, plain or corrugated, for roofing &c. Water or Gas Pipes, Castings, Wire of all gauges, Guttering, Hooping, &c. Wholesale, retail, and for export.
An allowance to the trade
WORKS—WILLWALL and BIRMINGHAM.
LONDON OFFICE, 8, MARMOR-HOUSE PLACE.

IRON BUILDING and ROOFING WORKS,
BIRMINGHAM, late of Shrewsbury.
JOHN H. PORTER,
Manufacturer of the Corrugated and other Iron of from Roofing for railway stations, carriage sheds, farm buildings, gas works, parish schools, &c. &c.
Patentee
Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.

THE CORRUGATED and GALVANIZED IRON ROOF,
PORTABLE BUILDING, AND
HASKITH'S PATENT FLOORING, ROOFING, AND GIRDER WORKS.
Offices, 63, Gracechurch-street.
JOHN WALKER, sole of the Patentee of Corrugated Iron, calls the attention of Architects, Engineers, &c., to his List of Prices, which, consistently with good workmanship, are extremely low.
Models of the patent Iron Flooring, corrugated or not, and plans; also, drawings of roofs, on peculiar principles, may be had on application.
Specimens of the Iron Dutchman system of fix the Flame and other reports upon the Expansion for Pulmonary Gills, may be seen by application.
References to forms of the highest class can be given.

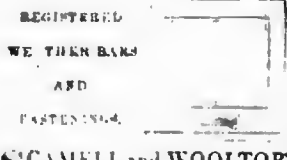
MESSRS. FOX and BARRETT beg to intimate that they have REMOVED their OFFICES from Lowther-arcade to No. 4, ADELPHI.
These offices form part of a house built entirely upon their improved system of Fire-proof Construction, to the advantages of which, both as regards economy and security from fire, they can readily refer attention.
THAMES CHAMBERS, 14, YORK-BUILDINGS, ADELPHI.

COLLINGE'S PATENT HINGES.—Sole Manufacturers, CHARLES COLLINGE and CO., 65, Bunhill-row, Lambeth, where a great variety are always on view for all such part, rather 1 each hinges, and other gates and doors of large and small dimensions, a gate of a non weight moving with these hinges as easily as a wicket. Ornamental hinges, adapted for dressing rooms, &c., doors fitted with them may be removed and replaced in an instant. Rising and double-acting spring hinges, and superior gate fastenings, at moderate prices. Those genuine unless marked "Charles Collinge, Patent, Lambeth." Plain and ornamental cast and wrought-iron work. Sir buildings and other purposes. Engines, machinery, patent axletrees, sugar mills, &c.

TO PLORISTS AND OTHERS.
J. JONES, Iron merchant, has always a great variety of CONICAL and SADDLE BOILERS in STOCK; also Ire and furnace bars, ornamental and plain supply shutters, cloak-ins doors and frames, furnace mouths, oven doors for the trade, hot water pipes of every size, syphons, throttle valves, stop cocks, brass and gunmetal sinkers, &c.; iron pumps, pipes, bearings and pieces of the above, on application to J. JONES, Iron-bridge-wharf, No. 4, Bankside, London, near the Southwark iron bridge.

IRON FOUNDRY, 80, Cowcross-street (late of Bridge-street, St. Luke's), J. J. JONES has ready made at all times a choice STOCK of PATTERNS, begs to inform the Trade, that he can now supply them with Plain and Ornamental Iron Columns, Girders, Rolled Iron Joists, Iron Cornice, Balconies, Window Guards, Verandahs, Ornamental staircase Panels, Iron staircases, Pump Enclosures, Trellis Pavilions, Lamp and other Brackets (cantilevers, Rolled Bars, Water Closet Work, Area Gratings, Fly and other Wheels, Wheel Plates, &c.
BARRETT'S WORKS, Prove Backs and Troughs, Rain Water Pipes and Gutters, Sash Weights, Furnace Bars, Stoves, Ranges, &c. always in stock.

FOUNDRY AND IRON WORKS,
45, DRURY LANE and CHARLES-STREET, DRURY-LANE
GLOVER, BROS.,
Beg to call the attention of the Trade to their extensive Stock of PATTERNS of CASTINGS of EVERY DESCRIPTION, whether of useful or ornamental
Patterns for Girders, Columns, Balconies, Railing, Ornamental Screens and Park Gates, Lamps and Street Posts, Trellis, Pipes, Wheels, Plummer Blocks and Steam-engines; Range and Hot plate Backs. An improved dust Door adapted for internal work
A large stock of Rain water Pipes, Plain and Ogee Gutters, Air Bricks, Sash Weights, Air-tight Sewer Gratings, Stable Fittings, Hurdles, &c.
Plain and ornamental Vases 20 per cent. cheaper than Terra-cotta.
Estimates given for Iron Railings, Wrought-iron Roofing, Grecian stairs, Staircases, Wrought-iron Girders, Fire-proof Doors, Bank safes, Strong Rooms, Tanks and Boilers, and every description of work to specification, and the work executed with every attention to quality and despatch.
GLOVERS' IRONWORKS,
45a, DRURY LANE, and CHARLES STREET



SCAMELL and WOOLTORTON, wholesale Iron Merchants, LOCK MANUFACTURERS, and Bright Finishers, 7a, West Smithfield, London. Sole Manufacturers and Patentees for the sale of the above, confidently recommend the same as the most perfect method of making casements and fanlights, and at a more moderate charge than any other. They can be easily applied to new or old casements at least a fifth cheaper than the usual method, and being made on a fastening, insure the impossibility of either of every materially adding, wherever applied, both to neatness and security. Models may be seen, and full particulars had upon application, at Messrs SCAMELL and WOOLTORTON'S, 7a, West Smithfield.

JAMES ARTHUR MILES, Wholesale and Manufacturing Brass Founder, 12, Panemstone, Queen-street, City, respectfully solicits the attention of the trade to his stock of BRASS FURNITURE, BELL CRANKS, and GAS FITTINGS, comprising a greater variety in each department than has hitherto been kept.
The CRANKS are arranged in twelve sizes of different drafts and wrenchings, and from one to six flies. Also in the rough, suitable for cheap work. BELL-LEVERS and PULLEYS in every size, of every class and china.
In BRASS WORK, the whole of the patterns are entirely new. A large new assortment of GAS PILLARS, PENDANTS, BRACKETS, and CHANDELIERS, in Rich CORNICE POLES, DESK RAILS, WINDOW FITTINGS, GASWORKS, and every description of brass work manufactured on the shortest notice.
No TRADE HOUSE OF ANY DESCRIPTION KEPT IN STOCK.
Agent for the sale of W. S. KENNEDY'S CHINA DOOR FURNITURE. Brass Pedestals and White stock in keep which can be supplied. This stock is much larger in amount, and more varied in pattern than any other. Also,
CHINA, GLASS, and GARDEN LABELS, CUPBOARD KNOBS, &c.
N.B. A continual succession of novelties at the lowest prices. The above articles in china, may be had retail of all respectable ironmongers throughout the kingdom.

PATENT SOLAR GRATE, with Reverberatory Fire, may be seen in operation daily. This Grate combines every modern improvement.—The LARGEST STOCK and BEST ARRANGEMENT of STOVE GRATES, KITCHEN RANGES, FENDERS, FIRE IRONS, HOT-AIR STOVES, and Ironmongery Goods of every description, may be seen at WAFFLEBECK and LOWEN'S Show Rooms and Warehouses, Bull Ring, Smithfield, and Gloucester-street, Birmingham. (The Midland Counties General Furnishing Ironmongery establishment.)

PATENT FIRE LUMP STOVES.—Drawing-room, Dining-room, Library, and every description of Register Stoves manufactured under Leslie's Patent. The bottom, sides, and back of the Patent Fire Lump themselves composed of one fire-brick, which, from its peculiar and scientific construction, effects a great saving in fuel. It has no bottom grating, and the only metallic substance which comes in contact with the fire is the bars. Several new and elegant patterns have been designed expressly for this Stove, which for cheapness to first cost, economy of fuel, and powers of radiating heat, is unsurpassed. Hundreds of them are now in use, and have received unqualified approval.—DEANE, DRAY, and DEANE, Stove, Range, and Fender Manufacturers, and Furnishing Ironmongers, London-bridge.

STOVES, RANGES, &c.

HAYWARD, BROTHERS,
198, Blackfriars-road, and 117 and 118, Union street, Borough,
IRONMONGERS, and MANUFACTURERS
Of Self-acting Ranges, Elliptic and Register Stoves, Arnott's Valves, &c.
SOLE MANUFACTURERS OF
HENLY'S patent improved KITCHEN RANGE, with hot plate, Wolfenden's patent radiating and reflecting Register Stoves, and SHERINGHAM'S VENTILATOR.

CLARK and HUNT'S IRONMONGERY, STOVE and METAL WAREHOUSE, 180, Shoreditch.
Strong Elliptic Stoves, with extra back, 9½d. per inch
Register Stoves, 8d. per inch.
4 ft. Self-actin: Cottage Ranges, with Oven and Boilers, 25s. each.
3 ft. Self-acting ditto, with wrought bars and bright fittings, 35s. ea

Cast Rain water Pipe	3 6d.	5½ 10d.	3 inch. 1s. per yard.		
Cast Gutters—4 inch, 6d. per yard					
O.G. Gutters	4 11d.		4½ inch. 1s. per yard.		
Best Cut Clasp and Nose	1½ 1s6d.	1¾ 1s6d.	2 1s.	2½ 1s.	3 inch. 1s. per cwt.

Flood Flooring Brads, 11s 6d. per cwt
1-inch Cast Lath, 14s. Cast Lath, 8s. 6d.
4-inch 3-Bolt Rd. Ward Mortice, with best Furniture and Patent Spindles, 2s. 6d.
Light Elliptic and Register Metal, 12½ per cwt.
Hot Water Pipes 4s 6d per cwt.
Dr. Arnott's Ventilators, 5s each.
An extensive stock of bar, rod, hoop, and sheet iron.

TO BUILDERS and CARPENTERS.—Elliptic Stoves, double backs, 9½d. per inch.
Register Stoves, 8d. 6d. 6½d. 7½d. per inch.
Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings—

3 ft., 3l. 10s.	3 ft. 6 in., 3l. 7s.	4 ft., 3l. 15s.	

Oven Cottage Ranges, with ovens and back boilers, 35s. each.
4-feet self-acting ditto, ditto ..... 35s each.
Air Bricks, 3s. 6d. per doz.—4-inch Cut Lath Nails, 1½s. 6d. per cwt.
Best Patent Cut Clasp

1½ 1s. 6d.	1¾ 1s.	2 1s. 3d.	2½ 1s. 6d.	3 inch and larger, 1s. per cwt.

Best Sheet Floor Brads, 11s. 6d. per cwt.
Best Town Clout, 2½. Ditto, ditto, 1½s. per cwt.
Best Patent Sash Line.

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d. per gross.

AT F. R. WILLIAMSON'S IRONMONGERY and STOVE WAREHOUSE, 15, Chiswell-street, Finsbury-square.
Lists of Prices had on application at the Warehouse, or by letter, pre-paid, inclosing postage stamps.—Warehouse closes at 7 o'clock.

TO BUILDERS AND CARPENTERS, &c.
J. H. BOOBBYER and CO., late Sturch and Boobbyer, Ironmongery, Brass Founders, Nail, and Tool Warehouse, No. 14, Shaftesbury-street, Clare-market, London, for the supply of Carpenters, Builders, Cabinet-makers, Upholders, &c., at wholesale prices

Best Cut Sheet Flooring Brads, 11s 6d. per cwt.					
Pine Cut Clasp and Nose.					
1½ 6d.	1¾ 6d.	2 6d.	2½ 7d.	3 8d.	3½ 8d. per cwt.
1½	1¾	2	2½	3 inch.	
Best Bright Tower Bolts.					
1s. 3d.	1s. 7d.	2s. 3d.	3s. 6d. per dozen.		
2	3	4	6 inch.		
Best Patent Sash Line.					
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d. per gross.
No. 1	2	3	4	5	6

Cast Lath Nails, 1½s per cwt. Air Bricks, 3s. 6d. per dozen.
DR. ARNOTT'S VENTILATORS.
10 by 7 inches ..... 5s. each.
15 by 8 " ..... 8s. "
An assortment in Brass, Bronzed, Gilt, &c.
An extensive stock of Mortise Locks, Drawback Locks, Iron Rim Locks and Latches, of every description, at very reduced prices, also Door Furniture, in china, amber, crystal, ivory, ebony, buffalo, horn, brass, &c., with Finger-plates, Bell-pulls, and Levers complete.
B. and Co. are the inventors of SHIFTING BOLT MORTISE LOCKS, &c., so universally approved of.—Established nearly 30 years, for the supply of goods from the best manufactories of the lowest prices.

TO BUILDERS, CARPENTERS, AND OTHERS.
BENJAMIN WALMSLEY, IRONMONGER, BRASSFOUNDER, STOVE and RANGE MANUFACTURER, 136 and 137, LONDON-ROAD, Southwark, for the supply of builders, carpenters, cabinet-makers, upholders, kind makers, smiths, wheelwrights, &c., at wholesale prices:—
Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.
Best Cut Clasp and Nose ... 1½ 6d. 1¾ 6d. 2 6d. 2½ 7d. 3 8d. 3½ 8d. per cwt.
Cast Lath, 9s. 6d. per cwt., Sash Weights, 8s. per cwt.
Sash Pulleys, 3s. per gross.
Cast Butts, per dozen pair:—3-in., 10d.; 3½-in., 1s. 2d.; 3-in., 1s. 3d.

Iron Rain-water Pipe	3 6d.	5½ 10d.	3 inch. 1s. 1d. per yard.
Half Round Gutter	4 8d.	5½ 10d.	4 inch. 5½ inch.
O.G. Gutter	4 10d.	4½ 1s.	5 inch. 1s. 4d.

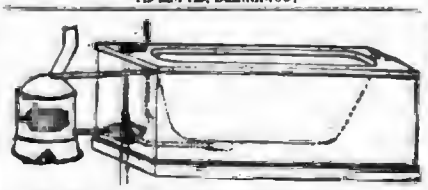
Air Bricks, 3s. 6d. per dozen. Hooping for Bond, 4s. 6d. per cwt.
Dr. Arnott's Ventilators, 4s. 6d. each.
3-ft. Self-Acting Cottage Ranges, with Oven and Boiler, 30s. each.
3 ft. ditto, with Wrought Bars and Bright Fittings, 35s. each.
Register Stoves, with Double Backs, 9d. per inch.
Elliptic Stoves, with Double Backs 8½d. per inch.
Bright Register Stoves, with Two Sets of Bars, from 3l. each.
An excellent variety of Black and Bright Register Stoves kept ready for use of all prices, to which the attention of architects and builders is respectfully invited.
A large assortment of Rim, Mortice, Drawback Iron Gate, and other kinds of Locks and Latches. An extensive stock of neat and cement Door Furniture, in Brass, Porcelain, Glass, and Fancy Woods.
Finger Plates, Levers, and Bell pulls on sale.
Bar, Hoop, Sheet and Rod Iron, and Spring Steel.
The stock of this establishment is too extensive to be described in the limits of an advertisement; and the most correct idea that can be given of it is by saying that every trade connected ironmongery can here select whatever they require at wholesale prices.
WALMSLEY'S, 136 and 137, LONDON ROAD, SOUTH-WARK, six doors from the Obelisk.

TO ARCHITECTS AND BUILDERS.
THWAITES and REED, original inventors of the spiral downspring, beg to call the attention of the trade to their manufactured by them, which, for durability and ease in working, are superior to any other; they have been in use upwards of twenty-five years at the Bank of England, and many other public establishments.—To be had only of their manufactory for church and house clocks, counting-house, wind dials, &c., 4, Bowman-street, Clerkenwell. Established 1760.

WARMING by HOT WATER.—J. WEEKS and Co., KING'S-ROAD, CHELSEA, solicit the honour of Architects to inspect their Hot Water Apparatus, which is to be seen in their premises. An extensive variety of Ornamental Pedestals and Stands of Rounds constantly, applicable for warming pleasure, conservatories, entrance-halls, offices, &c., on application, &c.—TUBULAR BOILERS of all sizes warranted to be the most efficient and economical of any yet introduced.—J. WEEKS and Co., Hot-Water Apparatus Manufacturers, King's-road, Chelsea.

TO ARCHITECTS AND BUILDERS.
CHUBB'S WROUGHT-IRON and FIRE-PROOF DOORS and FRAMES, for strong Rooms, in a large stock of the above, of all sizes, made in the best manner, and of different strengths, fitted with CHUBB'S PATENT DETECTOR LOCKS, throwing from two to twenty bolts, constantly on sale, at very moderate prices. FIRE-PROOF SAFES of every size, and Patent Detector Locks and Latches for all purposes.—C. CHUBB and SON, sole Manufacturers, 57, St. Paul's Churchyard, London.

FIRE-PROOF DOOR-SAFES AND DEED-BOXES.
GRIGG and JENKINSON beg to offer to BANKERS, MERCHANTS, SOLICITORS, and MEN of BUSINESS, in general requiring safe deposits for VALUABLE PAPERS, &c., a medium of security in their Wrought-iron Safes and Boxes, which cannot be surpassed. They embrace in a peculiar manner all requisites—fireproof strength and economy, as combined resistance to FIRE, and LOCKS which it is impossible either to force or pick. Their prices are strictly moderate. Also IRON BOUNDS, and every description of strong Furnishing Manufactures.—GRIGG and JENKINSON, Finsbury Iron Works, 119 and 120, Bunhill-row.



BATHS.—J. TYLOR and SON'S improved APPARATUS, consisting of copper or galvanized iron baths coated with enamelled white or Sienna marbles and copper circulating boiler, with three-way cock for hot, cold, and waste water, complete, 18 MOVEABLE, and done and requires no BRICK-WORK. Manufacturers of every description of boilers and coil pipes for heating baths or public buildings, hospitals, union workhouses, asylums, &c.—Apply to Ironmongers or Plumbers, or to the Manufacturers, Warwick-lane, London.

IRON and BRASS CASTINGS at very REDUCED PRICES.—Builders, Engineers, Railway Companies and others requiring Cast-Iron or Brass Work, may be supplied to any extent at very reduced prices.—Apply to Mr. RAPLESTONE, 2, Bouverie-street, who will furnish estimates for every description of work, upon receiving drawings or particulars.

SAMUEL HOOD and Co., Castings Warehouse, 21, Upper Thames-street. REGISTERED STABLE FITTINGS. Improved Mangers, with double hay-racks, or with enamelled water-basons on one side.—Also, girders, columns, hot water pipes, rain water pipes, eaves, gutters, sash weights, &c., at the lowest prices.

TO ARCHITECTS, BUILDERS, AND BRICK-MAKERS.
PUMPS of Superior CONSTRUCTION, bored perfectly true by improved machinery, in various plain and ornamental patterns for Conservatories, Squares, Markets, Plants, Hospitals, Gardens, and for Liquid Manure. BRICK-MAKERS' PUMPS, in Wrought and Cast Iron. HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth. SINGLE and DOUBLE PUMPS up to 9 cubic inch bore, kept for Hire.
BENJ. FOWLER (late of 68, Dean-street), removed to the new Factory, Whitefriars-street, Fleet-street.

FARM AND COTTAGE PUMPS
PATENT CAST-IRON PUMPS, for the use of Farms, Cottages, Manure Tanks, and Shallow Wells.

Patent Pump £1 18 0
Patent Pump, with 12 feet of lead pipe attached, and bolts and nails ready for fixing 2 12 0
Larger sizes if required.
May be obtained of any ironmonger or Plumber in Town or Country, or of the Patentees and Manufacturers,
JOHN WARNER and SONS,
4, Crescent, Jewin-street, London.
Every description of Machinery for Raising Water, Fire, Exercise, &c.
The usual allowance to the Trade.

CHURCH and TURRET BELLS cast to any weight, and tuned. Ship, plantation, house, sheep, cup, and clock bells of any size.
MUSICAL HAND BELLS
Tuned to the chromatic scale, with improved clappers, and poised on a new system, which gives a superior tone and facility for ringing.
Memorial Brasses, Pulpit Lights, and Brackets, &c.
Old Bells re-cast or taken in exchange.

J. WARNER and SONS,
BELL FOUNDERS &
ENGINEERS, &c.